

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/09008

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ A01H5/00, C12N15/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ A01H5/00, C12N15/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
BIOSIS/WPI (DIALOG), JSTPlus (JOIS)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	Shinjiro OGITA et al., Producing Decaffeinated Coffee Plants, Nature, Vol.423, (2003, June), page 823	1-3
X	US 6348641 B (University of Hawaii), 19 February, 2002 (19.02.02), (Family: none)	1-3
X	WO 97/35960 A (University of Hawaii), 02 October, 1997 (02.10.97), & AU 9745111 A & EP 862635 A & FI 9802070 A & NO 9804463 A & CZ 9803091 A & AU 711481 B & BR 9710815 A & NZ 330290 A & US 6075184 A & MX 9807828 A & KR 2001-1000902 A & JP 2001-519649 A	1-3

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
10 September, 2003 (10.09.03)

Date of mailing of the international search report
24 September, 2003 (24.09.03)

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, Y	Kouichi MIZUNO et al., Isolation of a New Dual-Functional Caffeine Synthase Gene Encoding an Enzyme for the Conversion of 7-Methylxanthine to Caffeine from Coffee (Coffee arabica L.), FEBS Lett., Vol.534, (2003, January), pages 75 to 81	1-3
Y	Mikihiro OGAWA et al., 7-Methylxanthine Methyltransferase of Coffee Plants, Journal of Biological Chemistry, Vol.276, No.11, (2001), pages 8213 to 8218	1-3
Y	Hiroshi ASHIHARA et al., Caffeine: A Well Known But Little Mentioned Compound in Plant Science, Trends in Plant Science, Vol.6, No.9, (2001), pages 407 to 413	1-3
Y	Herve Vaucheret et al., Post-Transcriptional Gene Silencing in Plants, Journal of Cell Science, Vol.114, (2001), pages 3083 to 3091	1-3
A	Hiroshi ASHIHARA et al., Biosynthesis of Caffeine in Leaves of Coffee, Plant Physiol., Vol.111, (1996), pages 747 to 753	1-3
A	Hiroshi ASHIHARA et al., Biosynthesis and Catabolism of Caffeine in Low-Caffeine-Containing Species of Coffea, J. Agric Food Chem., Vol.47, No.8, (1999), pages 3425 to 3431	3